

Addition of Positive and Negative Numbers



Use your counters to help you solve these problems. Draw $\boxed{+}$ and $\boxed{-}$ counters to show how you solved each problem.

1. $+8 + (-2) = \underline{\hspace{2cm}}$

2. $-4 + (-5) = \underline{\hspace{2cm}}$

3. $-3 + (+7) = \underline{\hspace{2cm}}$

Solve these addition problems.

4. $50 + (-30) = \underline{\hspace{2cm}}$

5. $\underline{\hspace{2cm}} = -50 + 30$

6. $-16 + 10 = \underline{\hspace{2cm}}$

7. $\underline{\hspace{2cm}} = 16 + (-10)$

8. $-9 + (-20) = \underline{\hspace{2cm}}$

9. $\underline{\hspace{2cm}} = -15 + 15$

10. $27 + (-18) = \underline{\hspace{2cm}}$

11. $\underline{\hspace{2cm}} = -43 + (-62)$

12. $-17 + (-17) = \underline{\hspace{2cm}}$

13. $\underline{\hspace{2cm}} = -55 + 32$

Challenge

14. The temperature at sunset was 13°C . During the night, the temperature dropped 22°C . Write a number model and figure out the temperature at sunrise the next morning.

Number model: $\underline{\hspace{4cm}}$

Answer: $\underline{\hspace{2cm}}$